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Radiocarbon Dating—Four Decades and Three Revolutions Later: An Archaeological Perspective (G,S)

Radiocarbon Dating by Accelerator Mass Spectrometry (S)

Science, Metascience and Pseudoscience: Radiocarbon Dating Confronts "Pliocene Man in the New World," "Noah's Ark" and the "Shroud of Turin" (G, P)

R. Ervin Taylor is professor of anthropology and director of the Radiocarbon Laboratory at the University of California, Riverside. He received his Ph.D. in anthropology at the University of California, Los Angeles, in the laboratory of Willard F. Libby (Nobel Prize laureate for the discovery of the radiocarbon method). His research has focused on the application of dating and analytical techniques in archaeology (archaeometry) with particular emphasis on radiocarbon dating. In addition to many journal articles and book chapters, he is the author of *Radiocarbon Dating: An Archaeological Perspective* and a co-editor of *Radiocarbon After Four Decades: An Interdisciplinary Perspective* and *Chronologies in New World Archaeology*. Dr. Taylor is past president and current general secretary of the Society of Archaeological Sciences.

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How Extracellular Matrix Regulates Gene Expression (S)

The Most Important Day of Your Life—Insights into Embryogenesis (G)

Zena Werb is professor of anatomy at the University of California, San Francisco. She received her B.Sc. from the University of Toronto, and her Ph.D. degree from Rockefeller University, New York. Her current research focuses on understanding how cells interact with their extracellular environment, in particular how they receive information from the extracellular matrix and how this matrix is remodeled during growth morphogenesis, tissue repair and invasion at the cellular, molecular, and genetic levels. She is also interested in how specific cell lineages are allocated and function in early development. She has written numerous research articles and book chapters. Dr. Werb is the recipient of many honors including a Guggenheim Fellowship, and she serves on the editorial boards of several journals, including *Science*.

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